
3. (twice amended) A color liquid crystal display apparatus comprising:
a color liquid crystal panel including a pair of substrates which sandwich a liquid crystal;

one substrate of said pair of substrates having thereon thin-film transistor elements arranged in a matrix shape in correspondence with pixels;

a wiring portion of said thin-film transistor elements;

a pixel electrode connected to said wiring portion; and

a color filter layer formed between said pixel electrode and an inorganic insulating layer for covering said wiring portion of said thin-film transistor elements, wherein said color filter layer includes a lower light-transmission flatted layer and a primary-color-type colored filter pattern, and is provided an opening through which a connection portion of said wiring portion of said thin-film transistor elements and said pixel electrode is penetrated;

another substrate of said pair of substrates have a common electrode commonly used for plural pixels is formed thereon;

wherein said pixel electrode is driven by said thin-film transistor elements in response to an image signal; and

wherein said liquid crystal is driven by a voltage applied between said pixel electrode and said common electrode to form an image.

4. (twice amended) A color liquid crystal display apparatus comprising:
a color liquid crystal panel including a pair of substrates which sandwich liquid crystal;

one substrate of said pair of substrates having thereon thin-film transistor elements arranged in a matrix shape in correspondence with pixels;

a wiring portion of said thin-film transistor elements;

a pixel electrode connected to said wiring portion; and

a color filter layer formed between said pixel electrode and an inorganic insulating layer for covering said wiring portion of said thin-film transistor elements, wherein said color filter layer includes a lower light-transmission flatted layer, a primary-color-type colored filter pattern and an upper light-transmission protection layer, and is provided with an opening through which a connection portion of said wiring portion and said pixel electrode is penetrated; and

another substrate of said pair of substrates have a common electrode commonly used for plural pixels is formed thereon;

wherein said pixel electrode is driven by said thin-film transistor elements in response to an image signal; and

wherein said liquid crystal is driven by a voltage applied between said pixel electrode and said common electrode to form an image.

7. (twice amended) A color liquid crystal display apparatus as claimed in claim 3, wherein said lower light-transmission flatted layer and said primary-color-type colored pattern are made of photosensitive resin.

8. (twice amended) A color liquid crystal display apparatus as claimed in claim 4, wherein said lower light-transmission flatted layer, said primary-color-type colored pattern and said upper light-transmission protection layer are made of photosensitive resin.

10. (twice amended) A color liquid crystal display apparatus as claimed in claim 4, wherein said lower light-transmission flatted layer and said upper light-transmission protection layer are made of thermosetting resin.

13. (twice amended) A color liquid crystal display apparatus as claimed in claim 3, wherein said lower light-transmission flatted layer is a polyimide film in which

a polyimide precursor whose molecular terminal is end-capped is imidized by heat-curing.

B5 14. (twice amended) A color liquid crystal display apparatus as claimed in claim 4, wherein said lower light-transmission flatted layer is a polyimide film in which a polyimide precursor whose molecular terminal is end-capped is imidized by heat-curing.

B6 15. (amended) A color liquid crystal display apparatus as claimed in claim 3, wherein an external electrode terminal is provided for every wiring and is provided on said one substrate which has an opening for exposing said external electrode terminal.

16. (amended) A color liquid crystal display apparatus as claimed in claim 4, wherein an external electrode terminal is provided for every wiring and is provided on said one substrate which has an opening for exposing said external electrode terminal portion.

B7 18. (amended) A color liquid crystal display apparatus as claimed in claim 17, wherein said lower light-transmission flatted layer, said primary-color-type colored pattern and an upper light-transmission protection layer are made of photosensitive resin.

19. (amended) A color liquid crystal display apparatus as claimed in claim 17, wherein said lower light-transmission flatted layer and an upper light-transmission protection layer are made of thermosetting resin.
